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Abstract

A method for type determination of digital versatile discs (DVD), which is used for classifying DVD- and DVD+.
The main steps of the method include: Initialize related parameters, read a general wobble signal from a DVD, and then calibrate the magnitude to a predetermined standard value. After the calibration, read the peak/bottom hold values of the general wobble signal and derive the peak-to-peak voltage from the peak/bottom hold values. Finally, if the peak-to-peak voltage is greater than a predetermined threshold value, the DVD is classified as a DVD+, otherwise it is classified as a DVD-.